

Replacement Abstract

A device for transmitting torque between two rotatable, coaxial shaft members has a number of alternate clutch discs, connected to the two shaft members and engageable to counteract differential rotational speed between the shaft members. The rotational movement may be braked by a braking means mechanism, whose rotational velocity is proportional to the rotational speed differential. Means for transmitting the rotational speed differential to the braking means comprises a A number of balls arranged between on one hand a rotatable, first thrust ring and a second thrust ring attached to one of the shaft members and on the other hand an outer ring fixed to a housing of the device and a gear ring engaging a rotatable brake shaft of the braking means mechanism transmit the rotational speed differential to the braking mechanism.